

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	4	"6,238,544"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/13 16:46
L2	155154	fuel near5 cell	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/13 16:48
L3	16	adsorbent near5 zirconium near5 ((hydrate near5 oxide) or (zirconium near5 hydroxide))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/13 16:52
L4	0	2 3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/13 16:52
L5	6562	2 (adsorb or adsorb\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/13 16:53
L6	0	2 3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/13 16:53
L7	0	3 5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/13 16:53
L8	349	adsorbent near5 zirconium	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/13 16:53

L9	6	8 2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/13 16:54
L10	4173	zirconium near5 ((hydrate near5 oxide) or (zirconium near5 hydroxide))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/13 16:55
L11	30	10 near5 (adsorb\$3 or sorp\$2 or chimisorptive)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/13 16:59
L12	6	11 ((fuel near5 cell) or (electrochemical near5 cell) or cell or electro\$1chemical)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/13 17:01
L13	6	"5595949" (metal near5 absorb \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/13 17:28
L14	2	"5595949".pn. (metal near5 absorb\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/13 17:28
S1	28	"6299994"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/09 14:50
S2	28	S1 air	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/09 14:51
S3	17	S2 (carbon adj dioxide)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/09 15:23

S4	7	S2 (carbon adj dioxide) adsorbent	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/09 15:36
S5	2787	purify near air	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/11 09:32
S6	677	95/139.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/11 09:33
S7	11	S5 S6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/11 09:33
S8	1849	absorb near (carbon adj dioxide)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/11 09:33
S9	1	S7 S8	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/11 09:33
S10	9	S5 S8	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/11 09:35
S11	1181	regenerate near adsorbent	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/11 09:36
S12	0	S10 S11	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/11 09:36

S13	3	S8 S11	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/11 09:36
S14	16	"5595949"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/11 09:55
S15	18	hydrated near oxides near zirconium	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/11 18:16
S16	677	95/139.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/11 18:16
S17	694	S15 S16	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/11 18:16
S18	166	hydrated near oxides near zirconium	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/11 18:16
S19	0	hydrated near oxides near zirconium2 S18	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/11 18:18
S20	1	S16 S18	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/11 18:18
S21	173105	air near5 (filter or filtration or purification)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/11 18:19

S22	8	S18 S21	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/11 18:19
S23	0	S18 near adsorbent	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/11 18:41
S25	535	hydrated near oxides near (metal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/11 18:42
S26	0	S25 near adsorbent	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/11 18:42
S27	2	hydrated near oxides near adsorbent	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/11 18:42
S28	18	hydrated near oxides near (transition adj metal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/12 11:17
S29	2	"5595949" ((heat or heat\$3) near fuel adj cell)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/12 11:32
S30	2	"5595949" ((heat or heat\$2 or heat\$3) near fuel adj cell)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/12 11:36
S31	8	"5595949" (air near (fuel adj cell))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/12 11:37

S32	15	"5595949" (heat or temperature)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/12 11:38
S33	6	"5595949" regenerate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/12 11:49
S34	2834	((hydrate adj oxide) or hydroxide) near (zircon\$2 or zircon\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/12 12:13
S35	3	S34 near adsorbent	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/12 12:13
S36	151	S34 adsorbent	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/12 12:13
S37	2	((fuel cell) near (heat or heat \$2) near air)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/12 12:25
S38	58	((fuel adj cell) near (heat or heat\$2) near air)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/12 12:27
S39	5	"2002005117"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/12 12:35
S40	2	"20020005117"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/12 12:36
S41	2	("2002/0005117").URPN.	USPAT	OR	OFF	2009/02/12 12:36

S42	0	S40((fuel adj cell) near (heat or heat\$2) near air)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/12 12:40
S43	0	S40 ((fuel adj cell) near (heat or heat\$2) near air)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/12 12:40
S44	2	S40 (heat or heat\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/12 12:40
S45	4	"5595949" blower	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/12 15:04
S46	1	"5595949" adsorbers	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/12 15:05
S47	5	"5595949" heater	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/12 15:06
S48	5	"5595949" humidity	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/12 16:41
S49	2	"5595949"(relative near humidity)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/12 16:42
S50	677	95/139.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/12 16:50

S51	166	hydrated near oxides near zirconium	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/12 16:50
S52	1	S50 S51	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/12 16:50
S53	0	S52 selectively	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/12 16:50
S54	0	S52 selective	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/12 16:50
S55	1	S52 switch	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/12 16:50
S56	13	"5595949" (heat or heat\$2 ot heat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/13 11:30
S57	10	"5595949" (fuel adj cell)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/13 11:33
S58	0	"2002005117" (heat or heat\$2 ot heat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/13 14:41
S59	15217	air near fuel cell	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/13 20:21



S60	4498	air near (fuel adj cell)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/13 20:21
S61	6	(air near spent) near (fuel adj cell)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/13 20:21
S62	0	"20020005117" (fuel adj cell)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/13 20:28
S63	0	"20020005117" (cell)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/13 20:28
S64	0	"20020005117" pipe (heat or heat\$2 or heat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/13 20:29
S65	2	"20020005117" (heat or heat\$2 or heat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/13 20:30
S66	411	"20020005117" pipe or pipelines	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/13 20:32
S67	0	"20020005117" (pipe or pipelines)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/13 20:32
S68	3	"5595949" (pipe or pipelines)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/13 20:34

S69	1	("5595949" or "20020005117" or "6238544") and (thermal near insulation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/13 21:17
S70	1	("5595949" or "20020005117" or "6238544") and insulation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/13 21:18
S71	7	("5595949" or "20020005117" or "6238544") and thermal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/02/13 21:18
S72	688	95/139.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/05 18:14
S73	314	95/116.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/05 18:14
S74	91	95/120.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/05 18:14
S75	104	95/121.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/05 18:14
S76	47	95/119.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/05 18:15
S77	345	95/148.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/05 18:15

S78	1409	S72 S73 S74 S75 S76 S77	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/05 18:15
S79	154739	fuel near5 cell	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/05 18:22
S80	5740	regenerated near5 air	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/05 18:22
S81	160296	S79 S80	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/05 18:23
S82	183	S79 S80	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/05 18:23
S83	5	S78 S82	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/05 18:23
S84	9648	regenerate\$1 near5 temperature	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/05 18:27
S85	274	S79 S84	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/05 18:29
S86	45	S82 S85	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/05 18:29

S87	21	(hydrate\$1 near5 oxide) (hydrat\$oxide)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/05 18:31
S88	28827	((hydrate\$1 near5 oxide) or (hydrat\$oxide))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/05 18:32
S89	7	S86 S88	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/05 18:32
S90	45	S80 S86	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/05 18:38
S91	19058	air near5 (fuel near5 cell)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/05 18:41
S92	15	S90 S91	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/05 18:41
S93	2	"20020005117"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/05 18:46
S94	0	S93 S81	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/05 18:46
S95	1	EP "0201468"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/05 19:00

S96	3495	regenerate near5 air	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/05 19:02
S97	8604	S80 or S96	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/05 19:02
S98	68	S97 S91	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/05 19:02
S99	16	S84 S98	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/05 19:03
S100	67	"20020005117" or "3865924" or "55959496238544"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/10 11:08
S101	67	"20020005117" or "3865924" or "5595949 or 6238544"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/10 11:08
S102	9652	(regenerate\$1 near5 temperature)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/10 11:09
S103	7	S101 (regenerate\$1 near5 temperature)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/10 11:09
S104	7049	air near (fuel near5 cell)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/10 11:10

S105	1	S103 S104	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/10 11:10
S106	25	"584695"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/10 11:14
S107	0	S106(fuel near5 cell)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/10 11:14
S108	0	S106 (fuel near5 cell)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/10 11:14
S109	0	S106 fuel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/10 11:14
S110	22	regeneration near5 (fuel near5 cell) near5 air	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/10 11:15
S111	0	S110 pipeline	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/10 11:18
S112	1	S110 pipeline	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/10 11:18
S113	4	S110 (pipeline or pipe)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/10 11:18

S114	3	S113 (temperature near5 regeneration)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/10 11:24
S115	67	air near5 spent near5 (fuel near5 cell)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/10 11:30
S116	2	S115 (temperature near5 regeneration)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/10 11:30
S117	6	S115 regeneration	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/10 11:31
S118	149204	fuel adj cell	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/10 15:10
S119	13773	95/90-148.ccls. or 96/108-154.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/10 15:11
S120	329	S118 S119	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/10 15:12
S121	10071	((fuel adj cell) with (inlet or intake or "co.sub.2" or (carbon adj dioxide) "etc."))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/10 15:14
S122	73	S120 S121	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/10 15:14

S123	28	S122 regeneration	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/10 15:15
S124	42	recycle near5 air near5 regeneration	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/10 15:38
S125	4	S118 S124	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/10 15:38
S126	65214	502/20-355.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/10 15:50
S127	0	429/19-21.ccls	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/10 15:50
S128	2749	429/19-21.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/10 15:50
S129	67917	S126 or S128	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/10 15:51
S130	14584	422/1-43.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/10 15:51
S131	32896	423/1-209.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/10 15:55



S132	4959	S118 (S129 or S130 or S131)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/10 15:56
S133	4	S132 (hydrated near metal near oxides)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/10 15:58
S134	387	S132 regeneration	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/10 16:05
S135	1213	S132 S121	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/10 16:06
S136	100	S134 S121	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/10 16:06
S137	14550	regeneration near5 temperature	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/10 16:06
S138	17	S136 S137	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/10 16:07
S139	1220	S132 ((hydrated near metal near oxides) or zirconium)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/10 16:35
S140	34	S139 (regeneration near5 temperature)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/10 16:35

S141	7	S140((fuel adj cell) with (inlet or intake or "co.sub.2" or (carbon adj dioxide) "etc."))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/10 16:37
S142	7	S140 ((fuel adj cell) with (inlet or intake or "co.sub.2" or (carbon adj dioxide) "etc."))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/10 16:37
S143	42	S124 air	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/10 16:55
S144	7	S142 air	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/10 16:56
S145	1	S144 (spent near5 air)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/10 17:01
S146	16863	air near5 (fuel adj cell)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/10 17:07
S147	0	S146 S124	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/10 17:08
S148	190	S146 (spent near5 air)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/10 17:08
S149	0	S148 S124	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/10 17:09

S150	9344	(regeneration or reformation) near5 air	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/10 17:10
S151	8	S148 S150	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/10 17:10
S152	6	"6309770" (pipe or pipeline or valve)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/10 17:27
S153	0	"6309770".pn. (pipe or pipeline or valve)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/08/10 17:28
S154	32	"5601937"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/11 18:53
S155	13	S154 (pipe or pipeline)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/11 18:53
S156	2	"5601937".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/11 18:54
S157	17601762	"2" S155	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/11 18:54
S158	15	S155 S156	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/11 18:54
S159	0	S155 S156	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2009/08/11 18:54
S160	0	S156 (pipe or pipeline)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/08/11 18:54

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